

MILES M-35DESIGNED BY
J. MCHARD

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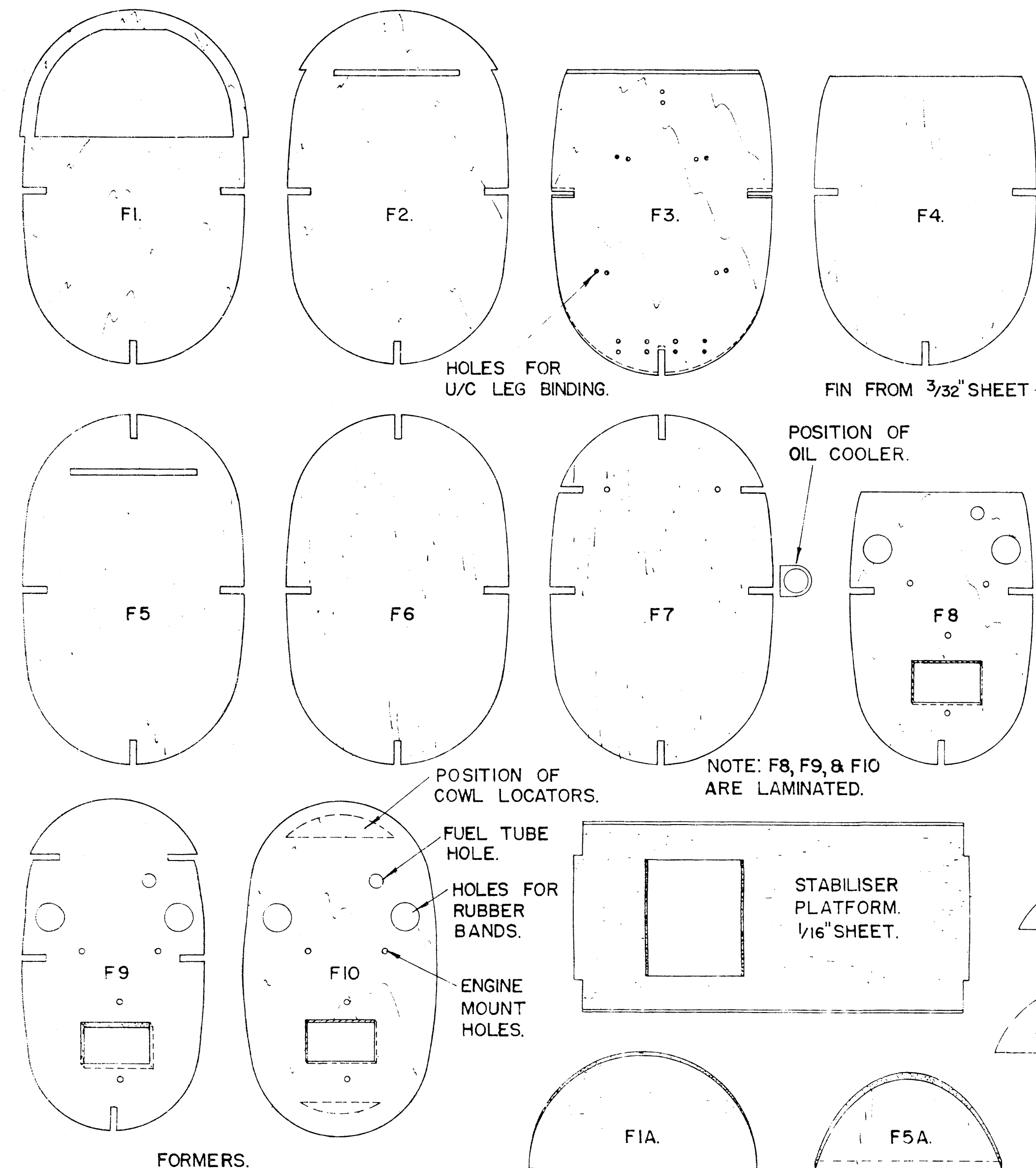
38, CLARENDON RD., WATFORD, HERTS.

ALL WOODS ARE BALSA UNLESS OTHERWISE STATED.

SHEET BALSA 3"x36"
 3 SHEETS OF 1/16"
 1 SHEET " 3/32"
 " " 1/8"
STRIP BALSA 36" LONG.
 2 STRIPS OF 1/16"x1/4"
 1 STRIP " 1/4"x3/32"
 " " 1/8"x1/2"
 " " 3/16"x1/2"
 " " 3/8" SQ.
 " " 1/2"x9/16"

MATERIALS REQUIRED**MISC.**

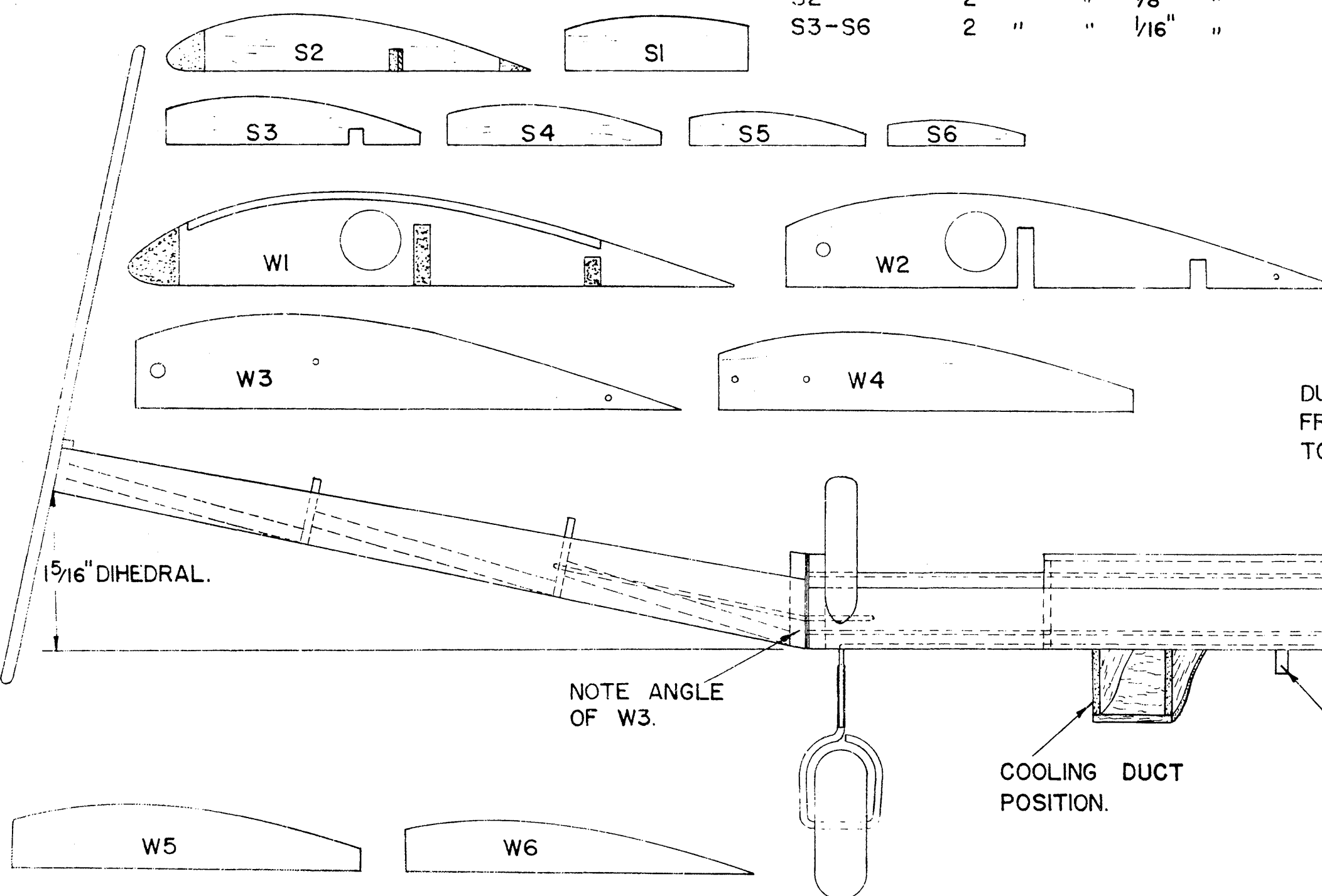
1 PIECE OF BLOCK BALSA 3 1/2"x2 1/2"x2 1/2"
 " " " 3/8"x2 1/2"x1 3/4"
 SCRAP " 1/4" SHEET.
 1 PIECE 1 MM. PLY 11"x5"
 " " 1/32" ALUMINUM SHEET 3 1/4"x2 1/2"
 " " 18 S.W.G.
 " " 16 "
 3 BALLOON TYPE WHEELS 1 1/4" DIA.
 " " WHEEL 3/4" "
 THIN CELLULOID.

**FORMERS.**

F1, F8, F10 1 OFF EACH 1 MM. PLY
 F2 1 " " " 1 OFF 1/16" SHEET.
 F3 1 " " " 1 " 3/32" "
 F9 1 " 3/32" SHEET.
 ALL OTHER FORMERS 1/16" SHEET.

RIBS.

W1, W4, W5 2 OFF EACH 1/16" SHEET.
 W2, W3 2 " " 1/8" "
 W6 2 " " 3/32" "
 S1 1 " " 3/32" "
 S2 2 " " 1/8" "
 S3-S6 2 " " 1/16" "



POSITION OF FIN

DUMMY OLEO LEG FAIRING
 FROM 1/4" SHEET. CEMENT
 TO L.E.

DUMMY EXHAUST
PIPES.COOLING DUCT
POSITION.NOTE ANGLE
OF W3.

1/16" DIHEDRAL.

W5

W6

1/16" X 1/8" DIAGONALS.

W6

W5

W4

W3

W2

W1

1/8" X 1/2" SPAR.

1/8" X 1/4" SPAR. BUILD UP FLUSH TO
BOTTOM OF TOP SHEETING
BETWEEN RIBS W1.

1/2" X 3/16" T.E.

1/2" X 9/16" L.E.

STABILISER RETAINING HOOK.

PAPER TUBE.

1/8" DOWEL LOCATORS.

18 S.W.G. U/C RECESS INTO BOTTOM
OF L.E. & BIND WHERE SHOWN.

1/2" SQ. L.E.

1/8" SHEET.

18 S.W.G. HOOKS FOR
RETAINING BANDS.

1/8" X 1/4" TOP KEEL.

1/16" SHEET ON
BOTTOM OF
STABILISER.1/8" SQ. ACROSS
PLATFORM.1/8" SQ. INCIDENCE
STRIP.C/S FAIRING BLOCK
SOFT BALSA.THIN CELLULOID FACING ON
FAIRING BLOCK & F5.NOTE. ALL FUSELAGE
GUSSETS 1/16" SHEET.18 S.W.G. HOOKS FOR
COWL RETAINING BANDS.REMOVABLE
HATCH.

1/8" SHEET PLANKING.

1/8" SHEET COWLING LOCATOR
TOP & BOTTOM. CEMENT
TO F10.BALSA BLOCK
COWLING.ALLBON DART
SHOWN.FUEL LEAD TO
TANK COMPARTMENT.

VENT.

EXTENSION TUBE
FOR CARB.

CARB. EXTENSION TUBE.

3/4" DIA. WHEEL.

18 S.W.G. LEG.

1/4" DIA. WHEELS.

COOLING DUCT
FROM 1/16" SHEET.DUMMY OLEO
LEG FAIRING16 S.W.G. U/C AXLE.
3 OFF. BIND & SOLDER
TO LEGS.1/16" X 1/4" SIDE
KEEL.1/16" X 1/4" TOP
KEEL.1/16" X 1/4" BOTTOM
KEEL.STABILISER RETAINING HOOK.
BIND & SOLDER
TO LEG.

1/4" DIA. WHEEL.

1/4" X 3/32" T.E.

ALL GUSSETS
1/8" SHEET.WING RETAINING
HOOK.

SPAR.

S1

S2

S3

S4

S5

S6

OIL COOLER.

18 S.W.G. ONE PIECE
COWL HOOK LET
IN FRONT OF COWL
CEMENT SECURELY.MOTOR MOUNT BRACKET.
1/32" ALUMINUM SHEET. BEND
AT DOTTED LINES.

3/8" SQ. L.E. (SEE FRONT VIEW.)

NOTE. FUSELAGE COVERED WITH
1/16" SHEET IN 4 PIECES.SOFT BALSA
NOSE BLOCK.CELLULOID TRIM
TAB IF DESIRED.POSITION OF
OIL COOLER.

FIN FROM 3/32" SHEET

HOLES FOR
U/C LEG BINDING.

F1.

F2.

F3.

F4.

F5.

F6.

F7.

F8.

F9.

F10.

F1A.

F5A.

F8A.

F7A.

SOFT BLOCK
TIPS.STABILISER
PLATFORM.
1/16" SHEET.FUEL TUBE
HOLE.HOLES FOR
RUBBER
BANDS.ENGINE
MOUNT
HOLES.POSITION OF
COWL LOCATORS.

F1.

F2.

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F4.

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